

### ABSTRACT

Apparatus, and associated method, for increasing the diversity levels of data communicated upon a channel susceptible to fading. Trellis-coded modulation is performed upon data to be communicated to form trellis-coded modulated and rotated symbols. Coordinate interleaving is performed by a coordinate interleaver upon selected ones of the modulated and rotated symbols. The coordinate interleaving is performed according to a selected coordinate interleaving scheme responsive to indications of channel conditions upon the communication channel. When delivered to a receiving station, a coordinate deinterleaver deinterleaves the interleaved symbols according to a coordinate deinterleaving scheme that corresponds to the coordinate interleaving scheme.

10085941-022802